also had the character in the Southern States of curing intermittent fever.

A physician in Albany informs me that the Shakers at Lebanon, N. Y. prepare an extract of the Podophyllum, which is much esteemed by medical practitioners as a mild cathartic. These people are well known to our druggists by the care and neatness with which they prepare a variety of medicines from native and naturalized pharmaceutical plants.

For medicinal use the root of the May apple is advised to be dug in the cold season, when vegetation is not active, viz. in the autumn and winter. At this part of the year the secretions of perennial plants are concentrated in their roots, and the same weight of their substance is less diluted with the watery or ascending sap, than it is at any other period. This constitutes a reason why the roots of all perennial plants should, as far as practicable, be taken up during the cold season. But from what I have been able to observe, the difference of their virtue in different months is much less than is commonly supposed. I never knew a medicinal plant whose efficacy was destroyed in consequence of being taken up even at midsummer, although it may be in some degree lessened. It is probable that those roots

which constitute staple articles of commerce, as ipecac, gentian, rhubarb, &c. are gathered indiscriminately for exportation at all seasons when they are to be found. Being collected by savages or by ignorant persons, who seek for them in their native wilds, and who are not much interested in their future efficacy; it is probable they would be gathered in greatest quantities when their vegetation was most luxuriant, because at this time their shoots and tops would be most conspicuous. We know this to be the case with our Ginseng, Spigelia, Snake root, &c. which form considerable articles of exportation, and which it would be difficult to find at any other than the vegetating season.*

* *Annual plants* should be gathered at the time when their vegetation is most vigorous, which is generally from the time they begin to flower, until the leaves begin to change. The leaves contain the greatest activity in most annual plants employed for medicine, while the root is a comparatively insignificant part, being small, woody and fibrous. Thus the leaves of Stramonium and Tobacco are much more active than the root.

Biennial plants should, in most instances, be gathered in the second season of their growth, and about the time of flowering. The leaves of these plants also contain their medicinal activity, as in Hemlock and Henbane. The roots are medicinal, but usually in a less degree. In some aromatic biennials, the seeds are the most important part of the plant.

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